



MD 355/Rockville Pike Crossing Study

Screening of Preliminary Alternatives

The study team developed a set of preliminary alternatives to meet the project's Purpose and Need. Based on the needs in the study area, the following Screening Criteria were applied to determine which alternatives had the greatest potential to meet the needs

Screening Criteria:

- Pedestrian safety, including reduction in pedestrian and vehicle conflicts
- Efficiency of pedestrian and bicycle movements (i.e., travel times and appeal of route)
- Traffic operations at the MD 355 / South Wood Road / South Drive intersection (i.e., Level of Service (LOS), intersection queue lengths, delay)
- Compatibility with bus operations
- Compatibility with adjacent projects in the study area
- Compatibility with NNMC proposed gate operations and processing
- Environmental impacts
- Emergency vehicle access

Alternative 1: No-Build would not meet the project's Purpose and Need because it does not improve pedestrian / bicyclist safety or traffic operations at the MD 355 / South Wood Road / South Drive intersection, but it is being retained to serve as a comparison to the other preliminary alternatives